

ABSTRACT OF THE DISCLOSURE

A charge read-out method and a solid-state imaging device capable of shortening a read-out time of charges stored in a plurality of light receiving units arranged linearly are provided. The charge read-out method includes the steps of moving the charges, which are generated and stored in the plurality of light receiving units linearly arranged by receiving light, to charge transfer paths disposed along a row of the light receiving units on both sides thereof, transferring the charges along the charge transfer paths to an output unit, and calculating a sum of converted values based on amounts of the charges transferred from the charge transfer paths for outputting.